Application No. 10/573,780 Docket No.: 1422-0713PUS1
Response to Advisory Action dated March 7, 2008 and Office Action dated October 9, 2007
Art Unit: 1795

AMENDMENTS TO THE CLAIMS

1.-2. (Canceled).

- 3. (Currently amended) A method for generating an acid, said method comprising:
- (a) providing a metal hydride complex of the following formula (I) in solution

wherein X represents a metal atom; and

- (b) exciting the metal hydride complex by irradiating the complex with visible light a laser beam until deprotonation of the metal hydride complex takes place; thereby
 - (c) producing an acidic solution.
- (Previously presented) The method for generating an acid of claim 3, wherein the metal hydride complex is dissolved in an organic solvent.
- (Previously presented) The method for generating an acid of claim 3, wherein the metal hydride complex is dissolved in water.
 - (Canceled)

- 7. (Previously presented) The method for generating an acid of claim 3, wherein the metal atom is iridium.
- 8. (Previously presented) The method for generating an acid of claim 3, wherein the metal atom is ruthenium.
- (Previously presented) The method for generating an acid of claim 3, wherein the metal atom is rhodium.
- (Previously presented) The method for generating an acid of claim 3, wherein the metal atom is cobalt.
- 11. (Previously presented) The method for generating an acid of claim 4, wherein the organic solvent is one or more of acetonitrile, a primary, secondary or tertiary alcohol, a polyhydric alcohol, dimethyl formamide, dimethyl sulfoxide and ethyl acetate.
- (Currently Amended) A method for generating an acid for a chemically-amplified photoresist or a color filter for liquid crystals, said method comprising:
 - (a) providing a metal hydride complex of formula (I) in solution

wherein X represents a metal atom; and

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(b) exciting the metal hydride complex by irradiating the complex with visible light a <u>laser beam</u> until deprotonation of the metal hydride complex takes place; thereby

(c) producing an acidic solution.

13. (Canceled)

- 14. (Previously presented) The method for generating an acid for a chemically-amplified photoresist or a color filter for liquid crystals of claim 12, wherein the metal atom is iridium.
- 15. (Previously presented) The method for generating an acid for a chemically-amplified photoresist or a color filter for liquid crystals of claim 12, wherein the metal atom is ruthenium.
- 16. (Previously presented) The method for generating an acid for a chemically-amplified photoresist or a color filter for liquid crystals of claim 12, wherein the metal atom is rhodium.
- 17. (Previously presented) The method for generating an acid for a chemically-amplified photoresist or a color filter for liquid crystals of claim 12, wherein the metal atom is cobalt.
- (Previously presented) The method for generating an acid of claim 12, wherein the metal hydride complex is dissolved in an organic solvent.
- (Previously presented) The method for generating an acid of claim 12, wherein the metal hydride complex is dissolved in water.

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(Currently amended) The method for generating an acid of claim [12] 18, wherein
the organic solvent is one or more of acetonitrile, a primary, secondary or tertiary alcohol, a
polyhydric alcohol, dimethyl formamide, dimethyl sulfoxide and ethyl acetate.

- (New) The method for generating an acid of claim 4, wherein the organic solvent is methanol.
- 22. (New) The method for generating an acid of claim 18, wherein the organic solvent is methanol.